

To: Chairperson and Authority Members

Date: July 16, 2003

From: Mehdi Morshed, Executive Director

Subject: **Agenda Item 5 — Summary of Selected Topics from the Draft Technical Studies**

Discussion

Staff will present a summary of the preliminary results from the draft technical studies. The technical studies focus on the potential environmental impacts for the system alternatives (including the various high-speed train design options) considered in the program-level EIR/EIS. The presentation will focus on the following topics:

- Transportation
- Air Quality
- Noise and Vibration
- Energy
- Local Area Land Use
- Farmland and Agriculture
- Hazardous Materials/Wastes
- Biological Resources/Wetlands
- Wetlands
- EMI/EMF